

14023 U.S. PTO  
09/24/03

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of: Hyunjun Kim et al.

Title: VERTICAL CAPACITOR APPARATUS, SYSTEMS, AND METHODS

Attorney Docket No.: 884.939US1

Customer No.: 21186

21906 U.S. PTO  
10/669678  
09/24/03

**PATENT APPLICATION TRANSMITTAL**

**MAIL STOP PATENT APPLICATION**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items and information (as indicated with an "X"):

- ☒ Return postcard.
- ☒ Utility Patent Application under 37 CFR 1.53(b) comprising:
  - ☒ Specification (14 pgs, including claims numbered 1 through 24 and a 1 page Abstract).
  - ☒ Formal Drawing(s) (5 sheets).
  - ☒ Signed Combined Declaration and Power of Attorney (4 pgs).
  - ☒ Check in the amount of \$990.00 to pay the filing fee.
- ☒ Assignment of the invention to Intel Corporation (2 pgs) and Recordation Form Cover Sheet.
- ☒ Check in the amount of \$40.00 to pay the Assignment recording fee.

The filing fee has been calculated below as follows:

	No. Filed	No. Extra	Rate	Fee
TOTAL CLAIMS	24-20	4	x 18.00 =	\$72.00
INDEPENDENT CLAIMS	5-3	2	x 84.00 =	\$168.00
[ ] MULTIPLE DEPENDENT CLAIMS PRESENTED				\$0.00
BASIC FEE				\$750.00
TOTAL				\$990.00

**Please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.**

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number: 21186

By: Ann M. McCrackin  
Atty: Ann M. McCrackin  
Reg. No. 42,858

"Express Mail" mailing label number: EV332567816US

Date of Deposit:

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to The Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.